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EDUCATION

- 1992 - 1996** PhD thesis at the Institute for Genetics of the University of Cologne in Prof. Andreas Radbruch's group.
"Cytokine expression in T helper cells:
Pattern, kinetics and commitment"
- 1991 - 1992** Dissertation at the Institute for Genetics of the University of Cologne supervised by Prof. Andreas Radbruch.
"Immunofluorescence analysis of cytokine production by T-cells"
- 1987 - 1992** Diploma degree in biology at the University of Cologne
major subject: genetics
minor subjects: biochemistry and pharmacology
- 1986 - 1987** Military service
- 1977 - 1986** Grammar school (Heinsberg)
- 1973 - 1977** Primary school (Haaren)

AWARDS AND HONORS

- Sept. 24, 1997 Otto-Westphal prize of the German Society of Immunology
- Oct. 24, 1997 Klaus Goerttler prize of the German Society of Cytometry

CAREER EXPERIENCE

- October 1996 to present** Research and development at Miltenyi Biotec GmbH

PUBLICATIONS

1. Schmitz, J., Assenmacher, M. and Radbruch, A. (1993): Regulation of T helper cell cytokine expression: functional dichotomy of antigen-presenting cells. *Eur. J. Immunol.* 23: S.191
2. Schmitz, J., Thiel, A., Kuhn, R., Rajewsky, K., Muller, W., Assenmacher, M. and Radbruch, A. (1994): Induction of interleukin 4 (IL-4) expression in T helper (Th) cells is not dependent on IL-4 from non-Th cells. *J. Exp. Med.* 179: S.1349
3. Assenmacher, M., Schmitz, J. and Radbruch, A. (1994): Flow cytometric determination of cytokines in activated murine T helper lymphocytes: expression of interleukin-10 in interferon-gamma and in interleukin-4-expressing cells. *Eur. J. Immunol.* 24: S.1097
4. Manz, R., Assenmacher, M., Pfluger, E., Miltenyi, S. and Radbruch, A. (1995): Analysis and sorting of live cells according to secreted molecules, relocated to a cell-surface affinity matrix. *Proc. Natl. Acad. Sci. USA* 9264: S.1921
5. Assenmacher, M., Scheffold, A., Schmitz, J., Segura Checa, J.A., Miltenyi, S. and Radbruch, A. (1996): Specific expression of surface interferon- γ on interferon- γ producing T cells from mouse and man. *Eur. J. Immunol.* 26: S.263
6. Assenmacher, M., Löhning, M., Scheffold, A., Manz, R., Schmitz, J. and Radbruch, A. (1998): Sequential production of IL-2, IFN- γ and IL-10 by individual Th lymphocytes. *Eur. J. Immunol.* 28:1534-1543